SONY

DSC-W120/B

Cyber-shot® Digital Still Camera

With Sony's Smile Shutter™ technology, the DSC-W120 captures smiles automatically as they happen and lets you share them beautifully in High Definition[2]. You can expect stunning detail and color thanks to its 7.2 megapixel resolution, optical image stabilization, Carl Zeiss® 4x optical zoom lens, and Face Detection technology.

- 7.2 MP Super HAD™ CCD
  More megapixels give you more detail and definition when you make big prints or crop in tight on your subject. The advanced Sony® Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.
- Carl Zeiss® 4X Optical Zoom Lens
  4X optical zoom brings distant subjects closer to help you capture sharp, detailed long shots and quickly frame images for better composition -- great for family sports, outdoor fun, and travel photos.
- 2.5"[1] TFT LCD Display
  The large, bright 2.5"[1] TFT LCD (115K) display makes it easy to compose shots, check results, and read menus in sharp natural color, even in bright sunlight.
- Face Detection
  Face Detection technology automatically controls flash, focus, exposure, and white balance to help reveal faces in shadows, make skin tones look more natural, reduce red-eye, and eliminate harsh facial glare. Now with adult or child priority so you can determine who the focal point should be.
- Smile Shutter Mode
  Smile Shutter (TM) technology captures smiles the moment they happen - without the need to press the shutter. The mode can be set to capture when your subject laughs, smiles or even grins, and like Face Detection is able to differentiate children and adults to set priority.
- Sony Double Anti-Blur Solution
  The combination of Super SteadyShot® optical image stabilization and high ISO sensitivity helps compensate for shaky hands, minimizes blur, and allow flash-free shooting to preserve the mood.
- Super SteadyShot® Optical Image Stabilization
  Compensates for shaky hands and minimizes blur with a built-in gyro sensor that detects camera movement and sends correcting signals to a stabilization lens -- so there's no need to crop in on your shot to reduce blur.
- High Sensitivity (ISO 3200) Mode
  With high sensitivity of ISO 3200, you can shoot effectively in low light without flash to preserve the mood, while the Sony Clear RAW™ Noise Reduction system helps suppress the color noise that can degrade low-light shots.
- Dynamic Range Optimization Standard
  Powered by the exclusive Sony Bionz® high-speed processing engine, Dynamic Range Optimization preserves image data in bright highlights and reveals more detail in shadows or backlit areas -- for great results even in difficult lighting conditions.
- Convenient Photo Modes
  To adjust quickly for specific shooting situations, you can choose from several convenient photo modes, including Auto, Program Auto, and Scene Selections such as Twilight, Twilight Portrait, Fireworks, Smile Shutter, Landscape, Soft Snap, Snow, High Sensitivity, and Beach environments.
- MPEG Movie VX Fine Mode
  Capture VGA (640 x 480) audio/video clips at a high frame rate (up to 30 frames per second[7]). The maximum length of time you can shoot continuously is about 10 minutes.
- Automatic Macro Shooting
  Standard Auto Focus now covers the macro focus range, eliminating the need to manually change focus modes for close-up photography. The Macro mode has not been eliminated, and enabling it accelerates Auto Focus when shooting at point-blank range.
- 9-Point Auto Focus
  Because an off-center subject can make your shot more interesting, a 9-point auto focus measures auto-focus at 9 precision points instead of 5 -- giving you greater creative freedom to compose your image.
- Smart Zoom® Feature[5]
  The Sony Smart Zoom® feature[5] intelligently "crops into" the central portion of interest in your photo, helping avoid the image degradation of other digital zooms.

ADDITIONAL FEATURES

- Burst Mode
- Simple Setup Controls
- Easy Shooting Mode
- Function Guide
- Optical Viewfinder
- 15 MB[2] Internal Memory
- Memory Stick Duo™ Media Convenience
- Stamina® Battery Power
- HDTV Compatibility[3]
- "PhotoTV HD"[8]
- 16:9 High-Resolution Mode
- Wide Zoom Display

Specifications

General

Megapixel: 7.2 MP

Imaging Device: 1/2.5" Super HAD™ CCD

Recording Media: Tested to support up to 16GB Memory Stick PRO Duo™ media capacity[2]; does not support Access Control security function.

Convenience

White Balance: Automatic, Cloudy, Daylight, Fluorescent 1, Fluorescent 2, Fluorescent 3, Incandescent, Flash

Self Timer: Yes (10 seconds, 2 seconds, Off)

Still Image Mode(s): Normal, Burst, Bracket Exposure

Red-Eye Reduction: No

Burst Mode: Max 100 Shots at 1.5fps (All resolutions)

Erase/Protect: Yes/Yes

Date/Time Stamp: No/ No

Media/Battery Indicator: Yes/Yes

Color Mode(s): Black & White, Natural, Sepia, Vivid

Convenience Features

Real Imaging Processor™ Technology: BIONZ

AF Illuminator Light: Yes

PictBridge Compatible: Yes

Multi-Pattern Measuring: Yes

Scene Mode(s): Smile Shutter, Beach, High Sensitivity, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait, and Fireworks

Movie Mode(s): MPEG VX Fine(640x480 at 30fps) (MPEG VX Fine requires Memory Stick PRO Duo™ media), MPEG VX Standard (640x480 at 16fps), Presentation (320 x 240 at 8fps)

Power Save Mode: Yes (after approx. 3 min. of inactivity)

Super SteadyShot® optical image stabilization: Yes

Inputs and Outputs

Accessory Terminal: Multi connector

Audio/Video Output(s): Yes via Mutli-Use Connector

USB Port(s): Yes - supports USB 2.0

HD Output: Yes (1080i)

Hardware

LCD: 2.5"[1] LCD Display (115K pixels)

Viewfinder: Optical

Lens Construction: 6 elements in 5 groups(including 3 aspheric elements)

Microphone/Speaker: Yes / Yes

Lens Type: Carl Zeiss® Vario-Tessar®

Docking Station: Yes, via optional HD cradle (CSS-HD2)

Operating Conditions

Flash Effective Range: ISO Auto: Approx.0.2-Approx.3.9m(W) / Approx.0.5-Approx.1.9m(T),ISO3200: up to Approx.7.1m(W) / Approx.3.9m(T)

Flash Mode(s): Auto / Flash On / Slow Syncro / Flash Off

Optics/Lens

Focal Length: 5.35-21.4mm

35mm Equivalent: 32-128mm

Focus: 9-Area Multi-Point AF, Center AF, Spot AF

Aperture Range: Auto(F2.8/F7.1(W), 2 steps with ND Filter) / Program Auto (F2.8/F7.1(W), 2 steps with ND Filter)

Shutter Speed: Auto(1/4 - 1/1,600) / Program Auto(1" - 1/1,600)

Exposure Compensation: Plus / Minus 2.0EV, 1 / 3EV step

ISO: Auto / 100 / 200 / 400 / 800 / 1600 / 3200

Filter Diameter: N/A

Smart Zoom® Technology: 5M:Approx. 4.7x(Total), 3M:Approx.6.0x(Total), VGA:Approx. 19x(Total), 16:9 (2M):Approx.6.4x(Total)

Digital Zoom: 0-2.0X (Precision)

Optical Zoom: 4x

Macro Mode: Yes

Total Zoom: 8x

Minimum Focus Distance: W: Approx. 1 9/16(4cm) - Infinity / T: Approx. 19 11/16(50cm) - Infinity

Face Detection: Yes

Power

Battery Type: Lithium-Ion NP-BG1

Battery Capacity: 3.6V, 960 mAh

Software

Supplied Software: Windows: Picture Motion Browser Vers 3.0.01 + USB Driver

Operating System Compatibility: Microsoft® 2000 Professional, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.1-10.5)

Dimensions

Weight: Approx. 4.3 oz (123g)

Measurements: W x H x D: 3 1/2 x 2 1/4 x 7/8" (88.2mm x 57.2mm x 22.9mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

NP-BG1 rechargeable battery

BC-CSG battery charger

A/V and USB multi-connector cables

Wrist strap

Software CD-ROM

Note: No Memory Stick Duo™ media or adaptors are included.

Color: Black

UPC Code: 027242726697

1. Viewable area; measured diagonally.
2. Available storage capacity may vary and a portion of the memory is used for data management functions.
3. HD viewing requires a Sony HD connector cable or HD Cyber-shot Station® cradle and HDTV. All sold separately.
4. Music tracks can be up to five minutes long. When using Music Transfer to download music, tracks longer than five minutes will be reduced to five minutes when uploading to the Cyber-shot.
5. Smart Zoom® feature will not work at highest resolution setting.
6. Up to 6 shots while in Smile Shutter mode.
7. Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ media.
8. Special TV settings are required. Further details are available in the BRAVIA® instruction manual.

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